



## **An E-Update**

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Missouri Department of Transportation

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### **MTI Partnership Delivers Largest Load Test in U.S.**

MoDOT's partnership with the Missouri Transportation Institute recently completed the largest geotechnical load test program ever conducted in the United States. This multi-year partnership allowed MTI staff to collaborate across project tasks to identify more savings than several individual projects. Initial calculations, based on just the drilled shaft research, put the savings at approximately \$45,000 for a typical bridge. Drill down to more details in the project summary.

[MTI Geotechnical Summary](#)

### **Diverging Diamond Interchange Data Points to Success**

A recently completed study of the nation's first diverging diamond interchange in Springfield verified the innovative approach is a success. Researchers concluded that DDI traffic moved faster, safer and scored high levels of satisfaction among area motorists. Even larger tractor-trailer loads were shown to move well through the interchange. Motor your way quickly to the full report or an aerial view of traffic. [DDI Performance Evaluation](#) [DDI Video](#)

### **Variable Speed Limits Result in Lower Crash Rates**

Interstate 270/255 is one of the most congested roads in St. Louis. Since spring 2008, speed limits have been adjusted to keep traffic running smoothly through crashes and recurring congestion. A recent study of the I-270 variable speed limits showed variable speed limits have reduced crash rates to the lowest of all St. Louis interstates and reduced some congestion. The study also suggested the speed limits should be changed to speed advisories. No need to watch your speed in getting to the full report or the project video. [Variable Speed Limit Report](#) [VSL Video](#)

### **MoDOT Innovators Win Statewide Challenge**

For the fourth year, MoDOT employees have put their minds and muscle to getting the job done better, faster and cheaper for the Innovations Challenge. This year's focus areas linked directly to the department's Five-Year Direction and for the first time included processes along with customized tools and equipment modifications. A total of 16 innovations made it through preliminary judging to compete at the Innovations Showcase March 29 in Springfield where six innovations took home statewide honors. Get your creative juices flowing with a peek at the video. [Innovations Challenge Video](#)

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